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### ELECTRICITY PRICES (INDUSTRIAL) 1 January 1993

A study of the variations in national currency prices since July 1992 reveals that:

#### a) standard consumers

- The figures for Greece, France, Ireland and Portugal remain unchanged, those for Belgium, Luxembourg and Spain, where the VAT rate has risen from 13 to 15%, underwent a slight fall, most noticeable for small consumers.
- In the Netherlands, a slight increase in taxes excluded prices can be noticed, partly balanced by the reduction of VAT from 18.5 to 17.5 %.
- In the United Kingdom, the only perceptible variations are recorded by the largest standard consumers. In Italy, prices remain unchanged except for consumers Ig and Ii, whose prices increased by 4 %, taxes excluded.
- Denmark shows the highest drop in prices from -3 to -9.5 % taxes excluded, mostly noticeable for small consumers.

In Germany, prices underwent little variation because the fall in specific taxes was partly balanced by the increase of VAT from 14 to 15 %. We can nevertheless notice, concerning taxes excluded prices for Ia and Ib, an 8 % fall for Hannover, and a 20 % growth for Rostock, as well as a 12 % rise in Suedliches Gebiet prices for Ic.

#### b) marker prices

- Prices for Belgium, Greece and France have not changed. In Spain, they underwent the combined effects of a 0.75 % increase of taxes excluded prices and of a VAT rise from 13 to 15%. In Portugal, prices increased by 1 %, whereas in Italy they increased by 5 %.
- In the United Kingdom, taxes excluded prices for 25 and 75 MW increased by 2.7 and 2.9 % respectively, while those of 50 MW decreased by 5.7 %.
- In the Netherlands, a slight fall of the lowest level prices was recorded, as well as growth of the highest level prices, especially for the 75 MW category (8 %).
- In Germany, there is an overall stability and even a small reduction in prices, partly balanced by the rise of the VAT rate, the only exceptions being the highest level prices recorded for the North (-15 %) and the East (-5.5 %).

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For further information please contact:  
Eurostat, L-2920 Luxembourg, tel. 4301-32040 Fax: 4301-34771

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Council Directive No 90/377/EEC of 29 June 1990 lays down a Community procedure to improve the transparency of gas and electricity prices charged to industrial end-users. In accordance with Article 1.1, this note sets out the prices for standard consumers and the "marker prices" in force as at 1 January 1993.

Nine standard industrial users, coded I<sub>a</sub> to I<sub>j</sub>, were chosen :

Reference consumer	Annual consumption kWh	Maximum demand kW	Annual utilisation in hours
I <sub>a</sub>	30 000	30	1 000
I <sub>b</sub>	50 000	50	1 000
I <sub>c</sub>	160 000	100	1 600
I <sub>d</sub>	1 250 000	500	2 500
I <sub>e</sub>	2 000 000	500	4 000
I <sub>f</sub>	10 000 000	2 500	4 000
I <sub>g</sub>	24 000 000	4 000	6 000
I <sub>h</sub>	50 000 000	10 000	5 000
I <sub>j</sub>	70 000 000	10 000	7 000

Prices for the standard consumers are given in national currencies, PPS (purchasing power standard as at 18 March for 1993) and in ECU (average value for January 1993).

B BFR	DK DKR	D DM	GR DRA	E PTA	F FR	IRL IRL	I LIT	L LFR	NL HKL	P ESC	UK UKL
1 PPS =											
41.96	9.659	2.279	203.2	124.8	6.930	0.717	1612	41.75	2.290	138.1	0.687
1 ECU =											
40.31	7.556	1.958	261.8	138.9	6.640	0.742	1818	40.31	2.202	176.4	0.791

MARKER PRICE  
(01.01.1993)

National currencies

The marker price is a reference price for a particular consumption category. These prices are usually tied to particular conditions of supply set out in a large body of contractual clauses, which do not permit a simple and direct comparison of these prices among the different Member States.

		1	2	3
<u>Belgium</u>	BFR/kWh			
	25 MW	2.14	1.79	1.79
	50 MW	2.02	1.69	1.69
	75 MW	2.00	1.67	1.67
<u>Federal Republic of Germany</u> (North/Central)				
- lowest	PF/kWh			
	25 MW	14.8	12.9	11.9
	50 MW	14.4	12.5	11.6
	75 MW	14.0	12.2	11.3
- highest	25 MW	17.7	15.4	14.2
	50 MW	17.4	15.1	14.0
	75 MW	17.0	14.8	13.7
(West) - lowest	25 MW	14.6	12.7	11.7
	50 MW	13.9	12.1	11.2
	75 MW	13.5	11.7	10.8

- highest	25 MW	17.3	15.0	13.9
	50 MW	16.7	14.5	13.4
	75 MW	16.1	14.0	13.0
(South) - lowest	25 MW	14.8	12.9	11.9
	50 MW	14.5	12.6	11.7
	75 MW	13.9	12.1	11.2
- highest	25 MW	16.9	14.7	13.6
	50 MW	16.4	14.3	13.2
	75 MW	16.1	14.0	13.0
(Osten) - lowest	25 MW	14.4	12.6	12.6
	50 MW	14.1	12.2	12.2
	75 MW	13.7	11.9	11.9
- highest	25 MW	20.3	17.7	17.7
	50 MW	19.9	17.4	17.4
	75 MW	19.6	17.1	17.1
<u>Greece</u>		DRA/kWh		
	25 MW	13.12	11.12	11.12
	50 MW	13.12	11.12	11.12
	75 MW	13.12	11.12	11.12
<u>Spain</u>		PTA/kWh		
	25 MW	6.16	5.36	5.36
	50 MW	6.16	5.36	5.36
	75 MW	6.16	5.36	5.36
<u>France</u>		CENT/kWh		
	25 MW	37.30	31.45	31.45
	50 MW	34.92	29.45	29.45
	75 MW	33.78	28.48	28.48
<u>Italy</u>		LIT/kWh		
(Northern and-Central Italy)	25 MW	90.67	83.18	76.46
	50 MW	88.19	80.91	74.33
	75 MW	87.37	80.16	73.62
(Southern Italy and the Islands)	25 MW	89.31	81.94	76.46
	50 MW	86.85	79.68	74.33
	75 MW	86.03	78.93	73.62
<u>Netherlands</u>		CENTS/kWh		
- lowest	25 MW	10.19	8.68	8.68
	50 MW	8.93	7.60	7.60
	75 MW	10.16	8.65	8.65
- highest	25 MW	12.24	10.42	10.42
	50 MW	11.23	9.56	9.56
	75 MW	11.03	9.39	9.39
<u>Portugal</u>		ESC/kWh		
	25 MW	13.48	12.84	12.84
	50 MW	14.11	13.44	13.44
<u>United Kingdom</u>		P/kWh		
	25 MW	4.5	3.8	3.8
	50 MW	3.9	3.3	3.3
	75 MW	4.2	3.6	3.6

(Denmark, Luxembourg, Ireland: confidential marker prices, less than three consumers in the category).

1 : with taxes

2 : VAT excluded

3 : taxes excluded



## PRIX DE L'ELECTRICITE POUR USAGES INDUSTRIELS

JANUAR 01 JANUARY 1993 JANVIER	NATIONALE WAEHRUNG NATIONAL CURRENCY / KWH MONNAIE NATIONALE			KKS	PPS	SPA / 100 KWH	ECUS / 100 KWH		
VERBRAUCHER-TYPEN	STEUERN IMBEGR.	OHNE MEHRWERT.	OHNE STEUERN	STEUERN IMBEGR.	OHNE MEHRWERT.	OHNE STEUERN	STEUERN IMBEGR.	OHNE MEHRWERT.	OHNE STEUERN
STANDARD CONSUMERS	WITH TAXES	VAT EXC.	TAXES EXC.	WITH TAXES	VAT EXC.	TAXES EXC.	WITH TAXES	VAT EXC.	TAXES EXC.
CONSUMMATEURS TYPE	TAXES COMPRISES	HORS TVA	HORS TAXES	TAXES COMPRISES	HORS TVA	HORS TAXES	TAXES COMPRISES	HORS TVA	HORS TAXES

BELGIQUE (BFR)				NATIONAL					
IA	6.75	5.65	5.65	16.09	13.46	13.46	16.75	14.02	14.02
IB	6.68	5.59	5.59	15.92	13.32	13.32	16.57	13.87	13.87
IC	5.54	4.64	4.64	13.20	11.06	11.06	13.74	11.51	11.51
ID	4.19	3.51	3.51	9.98	8.36	8.36	10.40	8.71	8.71
IE	3.55	2.97	2.97	8.46	7.08	7.08	8.81	7.37	7.37
IF	3.37	2.82	2.82	8.03	6.72	6.72	8.36	7.00	7.00
IG	2.78	2.33	2.33	6.62	5.55	5.55	6.90	5.78	5.78
IH	2.46	2.06	2.06	5.86	4.91	4.91	6.10	5.11	5.11
II	2.10	1.76	1.76	5.00	4.19	4.19	5.21	4.37	4.37

DANEMARK (DKR)				NATIONAL					
IA	87.66	70.13	38.16	9.12	7.29	3.97	11.57	9.26	5.04
IB	86.96	69.57	37.57	9.04	7.24	3.91	11.48	9.18	4.96
IC	84.86	67.89	35.89	8.83	7.06	3.73	11.20	8.96	4.74
ID	82.67	66.14	34.14	8.60	6.88	3.55	10.91	8.73	4.51
IE	81.47	65.18	33.18	8.47	6.78	3.45	10.75	8.60	4.38
IF	80.70	64.56	32.56	8.39	6.71	3.39	10.65	8.52	4.30
IG	77.82	62.26	30.26	8.09	6.48	3.15	10.27	8.22	3.99
IH	76.86	61.49	29.49	7.99	6.39	3.07	10.15	8.12	3.89
II	75.40	60.32	28.32	7.84	6.27	2.95	9.95	7.96	3.74

DEUTSCHLAND (PF)				DUESSELDORF					
IA	67.52	58.71	54.36	29.64	25.77	23.86	34.50	30.00	27.78
IB	43.47	37.80	35.00	19.08	16.59	15.37	22.21	19.32	17.89
IC	33.30	28.95	26.81	14.62	12.71	11.77	17.02	14.79	13.70
ID	26.63	23.16	21.44	11.69	10.17	9.41	13.61	11.83	10.96
IE	23.54	20.47	18.95	10.33	8.99	8.32	12.03	10.46	9.68
IF	21.86	19.01	17.60	9.60	8.35	7.73	11.17	9.71	8.99
IG	17.41	15.14	14.02	7.64	6.65	6.15	8.90	7.74	7.16
IH	19.06	16.58	15.35	8.37	7.28	6.74	9.74	8.47	7.84
II	15.85	13.78	12.76	6.96	6.05	5.60	8.10	7.04	6.52

				HAMBURG					
IA	45.19	39.29	36.32	19.84	17.25	15.94	23.09	20.08	18.56
IB	45.19	39.29	36.32	19.84	17.25	15.94	23.09	20.08	18.56
IC	37.93	32.99	30.49	16.65	14.48	13.39	19.38	16.86	15.58
ID	30.82	26.80	24.77	13.53	11.77	10.87	15.75	13.69	12.66
IE	24.52	21.32	19.71	10.76	9.36	8.65	12.53	10.89	10.07
IF	24.52	21.32	19.71	10.76	9.36	8.65	12.53	10.89	10.07
IG	20.42	17.76	16.41	8.96	7.80	7.20	10.43	9.08	8.39
IH	22.07	19.19	17.74	9.69	8.42	7.79	11.28	9.81	9.07
II	19.06	16.57	15.32	8.37	7.27	6.73	9.74	8.47	7.83

				HANNOVER					
IA	41.75	36.30	33.64	18.33	15.94	14.77	21.33	18.55	17.19
IB	41.15	35.78	33.16	18.06	15.71	14.56	21.03	18.28	16.94
IC	32.29	28.08	26.02	14.18	12.33	11.42	16.50	14.35	13.30
ID	26.80	23.30	21.59	11.77	10.23	9.48	13.69	11.91	11.03
IE	22.63	19.68	18.24	9.93	8.64	8.01	11.56	10.06	9.32
IF	22.41	19.49	18.06	9.84	8.56	7.93	11.45	9.96	9.23
IG	18.83	16.37	15.17	8.27	7.19	6.66	9.62	8.37	7.75
IH	19.70	17.13	15.88	8.65	7.52	6.97	10.07	8.75	8.11
II	17.47	15.19	14.08	7.67	6.67	6.18	8.93	7.76	7.19

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JANUAR 01 JANUARY 1993 JANVIER		NATIONALE WAEHRUNG NATIONAL CURRENCY / KWH MONNAIE NATIONALE			KKS	PPS	SPA / 100 KWH		ECUS / 100 KWH		
VERBRAUCHER-TYPEN	STEUERN	OHNE	OHNE	STEUERN	OHNE	OHNE	STEUERN	OHNE	OHNE	STEUERN	OHNE
STANDARD CONSUMERS	IMBEGR.	MEHRWERT.	STEUERN	IMBEGR.	MEHRWERT.	STEUERN	IMBEGR.	MEHRWERT.	STEUERN	IMBEGR.	MEHRWERT.
CONSUMMATEURS TYPE	TAXES	EXC.	EXC.	TAXES	EXC.	EXC.	TAXES	EXC.	EXC.	TAXES	EXC.
	COMPRISES	TVA	TAXES	COMPRISES	TVA	TAXES	COMPRISES	TVA	TAXES	COMPRISES	TVA
DEUTSCHLAND (PF)											
IA	38.15	33.18	30.72	16.75	14.57	13.49	19.49	16.95	15.70		
IB	36.93	32.11	29.73	16.21	14.10	13.05	18.87	16.41	15.19		
IC	31.52	27.41	25.38	13.84	12.03	11.14	16.11	14.01	12.97		
ID	25.28	21.98	20.35	11.10	9.65	8.93	12.92	11.23	10.40		
IE	22.32	19.41	17.97	9.80	8.52	7.89	11.41	9.92	9.18		
IF	20.50	17.83	16.51	9.00	7.83	7.25	10.48	9.11	8.44		
IG	15.86	13.79	12.77	6.96	6.05	5.61	8.10	7.05	6.53		
IH	17.17	14.93	13.83	7.54	6.55	6.07	8.77	7.63	7.07		
II	14.15	12.30	11.39	6.21	5.40	5.00	7.23	6.29	5.82		
WESTLICHES GEBIET											
FRANKFURT/M											
IA	48.97	42.58	39.72	21.50	18.69	17.44	25.02	21.76	20.30		
IB	48.62	42.28	39.44	21.34	18.56	17.31	24.84	21.61	20.15		
IC	33.61	29.22	27.26	14.75	12.83	11.97	17.17	14.93	13.93		
ID	26.10	22.69	21.17	11.46	9.96	9.29	13.34	11.59	10.82		
IE	21.35	18.57	17.32	9.37	8.15	7.60	10.91	9.49	8.85		
IF	20.38	17.72	16.53	8.95	7.78	7.26	10.41	9.05	8.45		
IG	17.57	15.28	14.25	7.71	6.71	6.26	8.98	7.81	7.28		
IH	18.50	16.09	15.01	8.12	7.06	6.59	9.45	8.22	7.67		
II	16.62	14.45	13.48	7.30	6.34	5.92	8.49	7.38	6.89		
STUTT GART											
IA	45.76	39.79	37.26	20.09	17.47	16.36	23.38	20.33	19.04		
IB	44.61	38.79	36.32	19.58	17.03	15.94	22.80	19.82	18.56		
IC	34.36	29.88	27.98	15.08	13.12	12.28	17.56	15.27	14.30		
ID	27.67	24.06	22.53	12.15	10.56	9.89	14.14	12.29	11.51		
IE	22.86	19.88	18.61	10.04	8.73	8.17	11.68	10.16	9.51		
IF	21.86	19.01	17.80	9.60	8.35	7.81	11.17	9.71	9.10		
IG	18.19	15.82	14.81	7.99	6.94	6.50	9.30	8.08	7.57		
IH	18.84	16.38	15.34	8.27	7.19	6.73	9.63	8.37	7.84		
II	16.39	14.25	13.34	7.20	6.26	5.86	8.38	7.28	6.82		
MUENCHEN											
IA	45.98	39.98	37.23	20.19	17.55	16.34	23.50	20.43	19.02		
IB	45.43	39.50	36.78	19.94	17.34	16.15	23.21	20.18	18.79		
IC	30.99	26.94	25.09	13.60	11.83	11.01	15.84	13.77	12.82		
ID	24.80	21.57	20.08	10.89	9.47	8.82	12.67	11.02	10.26		
IE	20.31	17.66	16.45	8.92	7.75	7.22	10.38	9.02	8.41		
IF	19.92	17.32	16.13	8.74	7.60	7.08	10.18	8.85	8.24		
IG	17.49	15.21	14.16	7.68	6.68	6.22	8.94	7.77	7.24		
IH	18.26	15.87	14.78	8.02	6.97	6.49	9.33	8.11	7.55		
II	16.85	14.65	13.64	7.40	6.43	5.99	8.61	7.49	6.97		
SUEDLICHES GEBIET											
IA	42.51	36.97	34.42	18.66	16.23	15.11	21.72	18.89	17.59		
IB	41.99	36.52	34.00	18.43	16.03	14.93	21.46	18.66	17.37		
IC	36.52	31.76	29.57	16.03	13.94	12.98	18.66	16.23	15.11		
ID	23.86	20.75	19.32	10.47	9.11	8.48	12.19	10.60	9.87		
IE	20.07	17.45	16.25	8.81	7.66	7.13	10.26	8.92	8.30		
IF	19.50	16.96	15.79	8.56	7.45	6.93	9.96	8.67	8.07		
IG	17.09	14.86	13.84	7.50	6.52	6.08	8.73	7.59	7.07		
IH	17.51	15.23	14.18	7.69	6.69	6.23	8.95	7.78	7.25		
II	16.11	14.01	13.04	7.07	6.15	5.72	8.23	7.16	6.66		



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JANUAR 01 JANUARY 1993 JANVIER		NATIONALE WAEHRUNG NATIONAL CURRENCY / KWH MONNAIE NATIONALE			KKS PPS SPA / 100 KWH			ECUS / 100 KWH		
VERBRAUCHER-TYPEN	STEUERN IMBEGR.	OHNE MEHRWERT.	OHNE STEUERN	STEUERN IMBEGR.	OHNE MEHRWERT.	OHNE STEUERN	STEUERN IMBEGR.	OHNE MEHRWERT.	OHNE STEUERN	
STANDARD CONSUMERS	WITH TAXES	VAT EXC.	TAXES EXC.	WITH TAXES	VAT EXC.	TAXES EXC.	WITH TAXES	VAT EXC.	TAXES EXC.	
CONSOMMATEURS TYPE	TAXES COMPRISES	HORS TVA	HORS TAXES	TAXES COMPRISES	HORS TVA	HORS TAXES	TAXES COMPRISES	HORS TVA	HORS TAXES	
DEUTSCHLAND (PF)					ERFURT					
IA	41.37	35.97	35.97	18.16	15.79	15.79	21.14	18.38	18.38	
IB	41.00	35.65	35.65	18.00	15.65	15.65	20.95	18.22	18.22	
IC	31.82	27.67	27.67	13.97	12.15	12.15	16.26	14.14	14.14	
ID	23.73	20.64	20.64	10.42	9.06	9.06	12.13	10.55	10.55	
IE	20.10	17.48	17.48	8.82	7.67	7.67	10.27	8.93	8.93	
IF	20.06	17.45	17.45	8.81	7.66	7.66	10.25	8.92	8.92	
IG	17.26	15.01	15.01	7.58	6.59	6.59	8.82	7.67	7.67	
IH	18.36	15.96	15.96	8.06	7.01	7.01	9.38	8.16	8.16	
II	16.39	14.25	14.25	7.20	6.26	6.26	8.38	7.28	7.28	
					LEIPZIG					
IA	33.80	29.39	29.39	14.84	12.90	12.90	17.27	15.02	15.02	
IB	34.11	29.66	29.66	14.97	13.02	13.02	17.43	15.16	15.16	
IC	31.01	27.02	27.02	13.61	11.86	11.86	15.85	13.81	13.81	
ID	25.10	21.83	21.83	11.02	9.58	9.58	12.83	11.16	11.16	
IE	21.19	18.43	18.43	9.30	8.09	8.09	10.83	9.42	9.42	
IF	19.45	16.91	16.91	8.54	7.42	7.42	9.94	8.64	8.64	
IG	15.69	13.64	13.64	6.89	5.99	5.99	8.02	6.97	6.97	
IH	16.71	14.53	14.53	7.34	6.38	6.38	8.54	7.42	7.42	
II	14.27	12.41	12.41	6.26	5.45	5.45	7.29	6.34	6.34	
					ROSTOCK					
IA	47.81	41.57	41.57	20.99	18.25	18.25	24.43	21.24	21.24	
IB	47.55	41.35	41.35	20.87	18.15	18.15	24.30	21.13	21.13	
IC	38.65	33.61	33.61	16.97	14.75	14.75	19.75	17.17	17.17	
ID	24.61	21.40	21.40	10.80	9.39	9.39	12.58	10.94	10.94	
IE	20.22	17.58	17.58	8.88	7.72	7.72	10.33	8.98	8.98	
IF	20.18	17.55	17.55	8.86	7.70	7.70	10.31	8.97	8.97	
IG	17.24	14.99	14.99	7.57	6.58	6.58	8.81	7.66	7.66	
IH	16.33	14.20	14.20	7.17	6.23	6.23	8.34	7.26	7.26	
II	14.13	12.29	12.29	6.20	5.40	5.40	7.22	6.28	6.28	
ELLAS (DRA)					ATHINAI					
IA	28.38	24.05	24.05	13.96	11.83	11.83	10.84	9.19	9.19	
IB	28.27	23.96	23.96	13.91	11.79	11.79	10.80	9.15	9.15	
IC	26.10	22.12	22.12	12.84	10.88	10.88	9.97	8.45	8.45	
ID	20.77	17.60	17.60	10.22	8.66	8.66	7.93	6.72	6.72	
IE	19.22	16.29	16.29	9.46	8.01	8.01	7.34	6.22	6.22	
IF	19.22	16.29	16.29	9.46	8.01	8.01	7.34	6.22	6.22	
IG	16.33	13.84	13.84	8.03	6.81	6.81	6.24	5.29	5.29	
IH	15.42	13.07	13.07	7.59	6.43	6.43	5.89	4.99	4.99	
II	13.63	11.55	11.55	6.71	5.68	5.68	5.21	4.41	4.41	
ESPANA (PTA)					MADRID					
IA	21.13	18.37	18.37	16.93	14.71	14.71	15.21	13.23	13.23	
IB	21.13	18.37	18.37	16.93	14.71	14.71	15.21	13.23	13.23	
IC	17.19	14.95	14.95	13.77	11.97	11.97	12.38	10.76	10.76	
ID	15.80	13.74	13.74	12.66	11.01	11.01	11.38	9.89	9.89	
IE	14.11	12.27	12.27	11.30	9.83	9.83	10.16	8.83	8.83	
IF	13.23	11.50	11.50	10.60	9.21	9.21	9.53	8.28	8.28	
IG	11.90	10.35	10.35	9.53	8.29	8.29	8.57	7.45	7.45	
IH	11.93	10.37	10.37	9.56	8.31	8.31	8.59	7.47	7.47	
II	10.70	9.30	9.30	8.57	7.45	7.45	7.70	6.70	6.70	

## PRIX DE L'ELECTRICITE POUR USAGES INDUSTRIELS

JANUAR 01 JANUARY 1993 JANVIER	NATIONALE WAERUNG NATIONAL CURRENCY / KWH MONNAIE NATIONALE			KKS PPS SPA / 100 KWH			ECUS / 100 KWH		
VERBRAUCHER-TYPEN	STEUERN	OHNE	OHNE	STEUERN	OHNE	OHNE	STEUERN	OHNE	OHNE
STANDARD CONSUMERS	IMBEGR.	MEHRWERT.	STEUERN	IMBEGR.	MEHRWERT.	STEUERN	IMBEGR.	MEHRWERT.	STEUERN
CONSUMMATEURS TYPE	WITH	VAT	TAXES	WITH	VAT	TAXES	WITH	VAT	TAXES
	TAXES	EXC.	EXC.	TAXES	EXC.	EXC.	TAXES	EXC.	EXC.
	TAXES	HORS	HORS	TAXES	HORS	HORS	TAXES	HORS	HORS
	COMPRISES	TVA	TAXES	COMPRISES	TVA	TAXES	COMPRISES	TVA	TAXES
FRANCE (CENT.)									
IA	88.24	74.40	67.30	12.71	10.71	9.69	13.32	11.23	10.16
IB	82.98	69.96	67.30	11.95	10.07	9.69	12.53	10.56	10.16
IC	76.56	64.56	62.10	11.02	9.30	8.94	11.56	9.75	9.38
ID	60.55	51.05	51.05	8.72	7.35	7.35	9.14	7.71	7.71
IE	50.28	42.40	42.40	7.24	6.11	6.11	7.59	6.40	6.40
IF	50.28	42.40	42.40	7.24	6.11	6.11	7.59	6.40	6.40
IG	43.37	36.57	36.57	6.25	5.27	5.27	6.55	5.52	5.52
IH	39.34	33.17	33.17	5.66	4.78	4.78	5.94	5.01	5.01
II	35.30	29.76	29.76	5.08	4.29	4.29	5.33	4.49	4.49
PARIS									
IA	87.48	73.76	67.30	12.60	10.62	9.69	13.21	11.14	10.16
IB	82.69	69.72	67.30	11.91	10.04	9.69	12.49	10.53	10.16
IC	76.30	64.33	62.10	10.99	9.26	8.94	11.52	9.71	9.38
ID	60.55	51.05	51.05	8.72	7.35	7.35	9.14	7.71	7.71
IE	50.28	42.40	42.40	7.24	6.11	6.11	7.59	6.40	6.40
IF	50.28	42.40	42.40	7.24	6.11	6.11	7.59	6.40	6.40
IG	43.37	36.57	36.57	6.25	5.27	5.27	6.55	5.52	5.52
IH	39.34	33.17	33.17	5.66	4.78	4.78	5.94	5.01	5.01
II	35.30	29.76	29.76	5.08	4.29	4.29	5.33	4.49	4.49
LILLE									
IA	82.37	69.45	67.30	11.86	10.00	9.69	12.44	10.49	10.16
IB	80.77	68.11	67.30	11.63	9.81	9.69	12.20	10.28	10.16
IC	74.53	62.84	62.10	10.73	9.05	8.94	11.25	9.49	9.38
ID	60.55	51.05	51.05	8.72	7.35	7.35	9.14	7.71	7.71
IE	50.28	42.40	42.40	7.24	6.11	6.11	7.59	6.40	6.40
IF	50.28	42.40	42.40	7.24	6.11	6.11	7.59	6.40	6.40
IG	43.37	36.57	36.57	6.25	5.27	5.27	6.55	5.52	5.52
IH	39.34	33.17	33.17	5.66	4.78	4.78	5.94	5.01	5.01
II	35.30	29.76	29.76	5.08	4.29	4.29	5.33	4.49	4.49
STRASBOURG									
IA	87.48	73.76	67.30	12.60	10.62	9.69	13.21	11.14	10.16
IB	82.69	69.72	67.30	11.91	10.04	9.69	12.49	10.53	10.16
IC	76.30	64.33	62.10	10.99	9.26	8.94	11.52	9.71	9.38
ID	60.55	51.05	51.05	8.72	7.35	7.35	9.14	7.71	7.71
IE	50.28	42.40	42.40	7.24	6.11	6.11	7.59	6.40	6.40
IF	50.28	42.40	42.40	7.24	6.11	6.11	7.59	6.40	6.40
IG	43.37	36.57	36.57	6.25	5.27	5.27	6.55	5.52	5.52
IH	39.34	33.17	33.17	5.66	4.78	4.78	5.94	5.01	5.01
II	35.30	29.76	29.76	5.08	4.29	4.29	5.33	4.49	4.49
LYON (1)									
IA	87.48	73.76	67.30	12.60	10.62	9.69	13.21	11.14	10.16
IB	82.69	69.72	67.30	11.91	10.04	9.69	12.49	10.53	10.16
IC	76.30	64.33	62.10	10.99	9.26	8.94	11.52	9.71	9.38
ID	60.55	51.05	51.05	8.72	7.35	7.35	9.14	7.71	7.71
IE	50.28	42.40	42.40	7.24	6.11	6.11	7.59	6.40	6.40
IF	50.28	42.40	42.40	7.24	6.11	6.11	7.59	6.40	6.40
IG	43.37	36.57	36.57	6.25	5.27	5.27	6.55	5.52	5.52
IH	39.34	33.17	33.17	5.66	4.78	4.78	5.94	5.01	5.01
II	35.30	29.76	29.76	5.08	4.29	4.29	5.33	4.49	4.49
IRELAND (P)									
IA	11.421	10.152	10.152	15.93	14.16	14.16	15.40	13.68	13.68
IB	11.267	10.015	10.015	15.72	13.97	13.97	15.19	13.50	13.50
IC	9.042	8.037	8.037	12.61	11.21	11.21	12.19	10.83	10.83
ID	6.910	6.142	6.142	9.64	8.57	8.57	9.31	8.28	8.28
IE	5.640	5.013	5.013	7.87	6.99	6.99	7.60	6.76	6.76
IF	5.274	4.688	4.688	7.36	6.54	6.54	7.11	6.32	6.32
IG	4.538	4.034	4.034	6.33	5.63	5.63	6.12	5.44	5.44
IH	4.544	4.039	4.039	6.34	5.63	5.63	6.13	5.44	5.44
II	4.132	3.673	3.673	5.76	5.12	5.12	5.57	4.95	4.95
DUBLIN									

(1) PREISE AUCH GUELTIG FUER MARSEILLE, TOULOUSE / PRICES ALSO VALID FOR MARSEILLE, TOULOUSE

PRIX EGALEMENT VALABLES POUR MARSEILLE, TOULOUSE



## PRIX DE L'ELECTRICITE POUR USAGES INDUSTRIELS

JANUAR 01 JANUARY 1993 JANVIER		NATIONALE WAEHRUNG NATIONAL CURRENCY / KWH MONNAIE NATIONALE			KKS PPS SPA / 100 KWH			ECUS / 100 KWH		
VERBRAUCHER-TYPEN	STEUERN IMBEGR.	OHNE MEHRWERT.	OHNE STEUERN	STEUERN IMBEGR.	OHNE MEHRWERT.	OHNE STEUERN	STEUERN IMBEGR.	OHNE MEHRWERT.	OHNE STEUERN	
STANDARD CONSUMERS	WITH TAXES	VAT EXC.	TAXES EXC.	WITH TAXES	VAT EXC.	TAXES EXC.	WITH TAXES	VAT EXC.	TAXES EXC.	
CONSUMMATEURS TYPE	TAXES COMPRISES	HORS TVA	HORS TAXES	TAXES COMPRISES	HORS TVA	HORS TAXES	TAXES COMPRISES	HORS TVA	HORS TAXES	

ITALIA (LIT)				SETTENTRIONALE E CENTRALE					
IA	312.43	286.63	257.53	19.37	17.77	15.97	17.18	15.76	14.16
IB	272.69	250.17	217.57	16.91	15.51	13.49	15.00	13.76	11.97
IC	218.35	200.32	167.72	13.54	12.42	10.40	12.01	11.02	9.22
ID	206.03	189.02	156.42	12.77	11.72	9.70	11.33	10.40	8.60
IE	176.10	161.56	128.96	10.92	10.02	8.00	9.69	8.89	7.09
IF	159.83	146.63	128.96	9.91	9.09	8.00	8.79	8.06	7.09
IG	120.73	110.76	102.34	7.49	6.87	6.35	6.64	6.09	5.63
IH	118.96	109.14	101.75	7.38	6.77	6.31	6.54	6.00	5.60
II	97.21	89.18	82.05	6.03	5.53	5.09	5.35	4.90	4.51

				MERIDIONALE E INSULARE					
IA	256.39	235.22	208.17	15.90	14.58	12.91	14.10	12.94	11.45
IB	270.45	248.12	217.57	16.77	15.38	13.49	14.87	13.65	11.97
IC	216.11	198.27	167.72	13.40	12.29	10.40	11.89	10.90	9.22
ID	203.80	186.97	156.42	12.64	11.59	9.70	11.21	10.28	8.60
IE	173.87	159.51	128.96	10.78	9.89	8.00	9.56	8.77	7.09
IF	158.27	145.20	128.96	9.81	9.00	8.00	8.70	7.99	7.09
IG	119.30	109.45	102.34	7.40	6.79	6.35	6.56	6.02	5.63
IH	117.59	107.88	101.75	7.29	6.69	6.31	6.47	5.93	5.60
II	95.84	87.93	82.05	5.94	5.45	5.09	5.27	4.84	4.51

G. D. LUXEMBOURG (LFR)				NATIONAL 50 % (1) (2)					
IA	5.80	5.47	5.47	13.90	13.11	13.11	14.39	13.58	13.58
IB	5.88	5.55	5.55	14.08	13.28	13.28	14.59	13.76	13.76
IC	4.52	4.27	4.27	10.83	10.22	10.22	11.22	10.59	10.59
ID	3.69	3.48	3.48	8.83	8.33	8.33	9.14	8.63	8.63
IE	3.13	2.95	2.95	7.48	7.06	7.06	7.75	7.32	7.32
IF	2.43	2.29	2.29	5.81	5.48	5.48	6.02	5.68	5.68
IG	2.00	1.89	1.89	4.79	4.52	4.52	4.96	4.68	4.68
IH	2.07	1.96	1.96	4.96	4.68	4.68	5.14	4.85	4.85
II	1.83	1.73	1.73	4.38	4.14	4.14	4.54	4.28	4.28

G. D. LUXEMBOURG (LFR)				NATIONAL 0 % (1)					
IA	7.30	6.89	6.89	17.48	16.49	16.49	18.11	17.08	17.08
IB	7.25	6.84	6.84	17.36	16.38	16.38	17.99	16.97	16.97
IC	5.40	5.09	5.09	12.92	12.19	12.19	13.38	12.63	12.63
ID	4.24	4.00	4.00	10.16	9.58	9.58	10.52	9.93	9.93
IE	3.47	3.28	3.28	8.32	7.85	7.85	8.62	8.13	8.13
IF	2.43	2.29	2.29	5.81	5.48	5.48	6.02	5.68	5.68
IG	2.00	1.89	1.89	4.79	4.52	4.52	4.96	4.68	4.68
IH	2.07	1.96	1.96	4.96	4.68	4.68	5.14	4.85	4.85
II	1.83	1.73	1.73	4.38	4.14	4.14	4.54	4.28	4.28

				NATIONAL 100 % (1)					
IA	4.54	4.28	4.28	10.88	10.26	10.26	11.27	10.63	10.63
IB	4.46	4.21	4.21	10.68	10.08	10.08	11.07	10.44	10.44
IC	3.65	3.45	3.45	8.75	8.25	8.25	9.06	8.55	8.55
ID	3.13	2.95	2.95	7.50	7.07	7.07	7.77	7.33	7.33
IE	2.78	2.62	2.62	6.65	6.28	6.28	6.89	6.50	6.50
IF	2.43	2.29	2.29	5.81	5.48	5.48	6.02	5.68	5.68
IG	2.00	1.89	1.89	4.79	4.52	4.52	4.96	4.68	4.68
IH	2.07	1.96	1.96	4.96	4.68	4.68	5.14	4.85	4.85
II	1.83	1.73	1.73	4.38	4.14	4.14	4.54	4.28	4.28

(1) LEISTUNGSABSENKUNG / POWER REDUCTION / EFFACEMENT DE PUISSANCE

(2) VERWENDET FUER GEMEINSCHAFTLICHE VERGLEICHE /  
TAKEN FOR COMMUNITY COMPARISON / UTILISE POUR COMPARAISON COMMUNAUTAIRE



## PRIX DE L'ELECTRICITE POUR USAGES INDUSTRIELS

JANUAR 01 JANUARY 1993 JANVIER		NATIONALE WAERUNG NATIONAL CURRENCY / KWH MONNAIE NATIONALE			KKS PPS SPA / 100 KWH			ECUS / 100 KWH		
VERBRAUCHER-TYPEN	STEUERN IMBEGR.	OHNE MEHRWERT.	OHNE STEUERN	STEUERN IMBEGR.	OHNE MEHRWERT.	OHNE STEUERN	STEUERN IMBEGR.	OHNE MEHRWERT.	OHNE STEUERN	
STANDARD CONSUMERS	WITH TAXES	VAT EXC.	TAXES EXC.	WITH TAXES	VAT EXC.	TAXES EXC.	WITH TAXES	VAT EXC.	TAXES EXC.	
CONSUMMATEURS TYPE	TAXES COMPRISES	HORS TVA	HORS TAXES	TAXES COMPRISES	HORS TVA	HORS TAXES	TAXES COMPRISES	HORS TVA	HORS TAXES	
NEDERLANDS (CENTS)										
ROTTERDAM										
IA	25.62	21.80	21.80	11.20	9.53	9.53	11.63	9.90	9.90	
IB	25.67	21.85	21.85	11.22	9.55	9.55	11.65	9.92	9.92	
IC	28.27	24.06	24.06	12.35	10.51	10.51	12.83	10.92	10.92	
ID	21.96	18.69	18.69	9.60	8.17	8.17	9.97	8.49	8.49	
IE	18.06	15.37	15.37	7.89	6.72	6.72	8.20	6.98	6.98	
IF	15.33	13.05	13.05	6.70	5.70	5.70	6.96	5.92	5.92	
IG	11.49	9.78	9.78	5.02	4.27	4.27	5.22	4.44	4.44	
IH	12.18	10.37	10.37	5.32	4.53	4.53	5.53	4.71	4.71	
II	10.82	9.21	9.21	4.73	4.02	4.02	4.91	4.18	4.18	
NOORD-HOLLAND										
IA	23.14	19.69	19.69	10.11	8.60	8.60	10.51	8.94	8.94	
IB	22.97	19.55	19.55	10.04	8.54	8.54	10.43	8.88	8.88	
IC	22.64	19.27	19.27	9.89	8.42	8.42	10.28	8.75	8.75	
ID	16.27	13.85	13.85	7.11	6.05	6.05	7.39	6.29	6.29	
IE	13.82	11.76	11.76	6.04	5.14	5.14	6.27	5.34	5.34	
IF	13.54	11.52	11.52	5.92	5.03	5.03	6.15	5.23	5.23	
IG	11.54	9.82	9.82	5.04	4.29	4.29	5.24	4.46	4.46	
IH	12.17	10.36	10.36	5.32	4.53	4.53	5.53	4.70	4.70	
II	10.80	9.19	9.19	4.72	4.02	4.02	4.90	4.17	4.17	
NOORD-BRABANT										
IA	20.28	17.26	17.26	8.86	7.54	7.54	9.21	7.84	7.84	
IB	20.84	17.74	17.74	9.11	7.75	7.75	9.46	8.05	8.05	
IC	23.91	20.35	20.35	10.45	8.89	8.89	10.86	9.24	9.24	
ID	15.58	13.26	13.26	6.81	5.79	5.79	7.07	6.02	6.02	
IE	13.22	11.25	11.25	5.78	4.92	4.92	6.00	5.11	5.11	
IF	13.18	11.22	11.22	5.76	4.90	4.90	5.98	5.09	5.09	
IG	11.46	9.75	9.75	5.01	4.26	4.26	5.20	4.43	4.43	
IH	11.95	10.17	10.17	5.22	4.44	4.44	5.43	4.62	4.62	
II	10.87	9.25	9.25	4.75	4.04	4.04	4.93	4.20	4.20	
PORTUGAL (ESC)										
LISBOA										
IA	26.900	25.620	25.600	19.48	18.55	18.53	15.25	14.53	14.52	
IB	27.910	26.580	26.570	20.21	19.24	19.24	15.82	15.07	15.07	
IC	23.020	21.920	21.920	16.67	15.87	15.87	13.05	12.43	12.43	
ID	19.830	18.890	18.890	14.36	13.68	13.68	11.24	10.71	10.71	
IE	17.670	16.830	16.830	12.79	12.18	12.18	10.02	9.54	9.54	
IF	17.690	16.840	16.840	12.81	12.19	12.19	10.03	9.55	9.55	
IG	16.140	15.370	15.370	11.69	11.13	11.13	9.15	8.71	8.71	
IH	15.020	14.310	14.310	10.87	10.36	10.36	8.52	8.11	8.11	
II	13.920	13.260	13.260	10.08	9.60	9.60	7.89	7.52	7.52	
S. MIGUEL ACORES										
IA	31.860	30.630	30.630	23.07	22.18	22.18	18.06	17.37	17.37	
IB	31.860	30.630	30.630	23.07	22.18	22.18	18.06	17.37	17.37	
IC	28.530	27.430	27.430	20.66	19.86	19.86	16.18	15.55	15.55	
ID	26.270	25.260	25.260	19.02	18.29	18.29	14.90	14.32	14.32	
IE	24.680	23.730	23.730	17.87	17.18	17.18	13.99	13.45	13.45	
IF	24.420	23.480	23.480	17.68	17.00	17.00	13.85	13.31	13.31	
IG										
IH										
II										



## PRIX DE L'ELECTRICITE POUR USAGES INDUSTRIELS

JANUAR 01 JANUARY 1993 JANVIER		NATIONALE WAERUNG NATIONAL CURRENCY / KWH MONNAIE NATIONALE			KKS	PPS	SPA / 100 KWH		ECUS / 100 KWH	
VERBRAUCHER-TYPEN	STEUERN IMBEGR.	OHNE MEHRWERT.	OHNE STEUERN	STEUERN IMBEGR.	OHNE MEHRWERT.	OHNE STEUERN	STEUERN IMBEGR.	OHNE MEHRWERT.	OHNE STEUERN	
STANDARD CONSUMERS	WITH TAXES	VAT EXC.	TAXES EXC.	WITH TAXES	VAT EXC.	TAXES EXC.	WITH TAXES	VAT EXC.	TAXES EXC.	
CONSUMMATEURS TYPE	TAXES COMPRISES	HORS TVA	HORS TAXES	TAXES COMPRISES	HORS TVA	HORS TAXES	TAXES COMPRISES	HORS TVA	HORS TAXES	

UNITED KINGDOM (P)				LONDON					
IA	9.310	7.920	7.920	13.56	11.53	11.53	11.77	10.01	10.01
IB	9.120	7.760	7.760	13.28	11.30	11.30	11.53	9.81	9.81
IC	10.010	8.520	8.520	14.57	12.41	12.41	12.65	10.77	10.77
ID	7.040	5.990	5.990	10.25	8.72	8.72	8.90	7.57	7.57
IE	6.200	5.280	5.280	9.03	7.69	7.69	7.84	6.67	6.67
IF	5.330	4.540	4.540	7.76	6.61	6.61	6.74	5.74	5.74
IG	4.810	4.090	4.090	7.00	5.96	5.96	6.08	5.17	5.17
IH	4.650	3.960	3.960	6.77	5.77	5.77	5.88	5.01	5.01
II	.	.	.	.	.	.	.	.	.

				LEEDS					
IA	9.600	8.170	8.170	13.98	11.90	11.90	12.13	10.33	10.33
IB	11.220	9.550	9.550	16.34	13.90	13.90	14.18	12.07	12.07
IC	9.290	7.910	7.910	13.53	11.52	11.52	11.74	10.00	10.00
ID	7.180	6.110	6.110	10.45	8.90	8.90	9.08	7.72	7.72
IE	6.470	5.510	5.510	9.42	8.02	8.02	8.18	6.96	6.96
IF	5.280	4.490	4.490	7.69	6.54	6.54	6.67	5.68	5.68
IG	4.830	4.110	4.110	7.03	5.98	5.98	6.11	5.20	5.20
IH	.	.	.	.	.	.	.	.	.
II	.	.	.	.	.	.	.	.	.

				BIRMINGHAM					
IA	9.580	8.150	8.150	13.95	11.87	11.87	12.11	10.30	10.30
IB	9.380	7.980	7.980	13.66	11.62	11.62	11.86	10.09	10.09
IC	7.990	6.800	6.800	11.63	9.90	9.90	10.10	8.60	8.60
ID	6.530	5.560	5.560	9.51	8.10	8.10	8.25	7.03	7.03
IE	6.100	5.190	5.190	8.88	7.56	7.56	7.71	6.56	6.56
IF	4.910	4.180	4.180	7.15	6.09	6.09	6.21	5.28	5.28
IG	5.210	4.430	4.430	7.59	6.45	6.45	6.59	5.60	5.60
IH	.	.	.	.	.	.	.	.	.
II	.	.	.	.	.	.	.	.	.

UNITED KINGDOM (P)				GLASGOW					
IA	10.630	9.050	9.050	15.48	13.18	13.18	13.44	11.44	11.44
IB	10.340	8.800	8.800	15.06	12.81	12.81	13.07	11.12	11.12
IC	10.200	8.680	8.680	14.85	12.64	12.64	12.89	10.97	10.97
ID	7.980	6.790	6.790	11.62	9.89	9.89	10.09	8.58	8.58
IE	6.740	5.740	5.740	9.81	8.36	8.36	8.52	7.26	7.26
IF	.	.	.	.	.	.	.	.	.
IG	.	.	.	.	.	.	.	.	.
IH	.	.	.	.	.	.	.	.	.
II	.	.	.	.	.	.	.	.	.



**ELEKTRIZITAETSPREISE FUER DIE INDUSTRIE**  
**ELECTRICITY PRICES FOR INDUSTRY**


**1993-1**  
**ECUS/ 100 kWh**


**PRIX DE L'ELECTRICITE POUR USAGES INDUSTRIELS**

1	B	BRUXELLES
2	DK	DANMARK NATIONAL
3	D	DUESSELDORF
4	GR	ATHINAI
5	E	MADRID
6	F	PARIS
7	IRL	DUBLIN
8	I	MILANO
9	L	LUXEMBOURG *
10	NL	ROTTERDAM
11	P	LISBOA
12	UK	LONDON

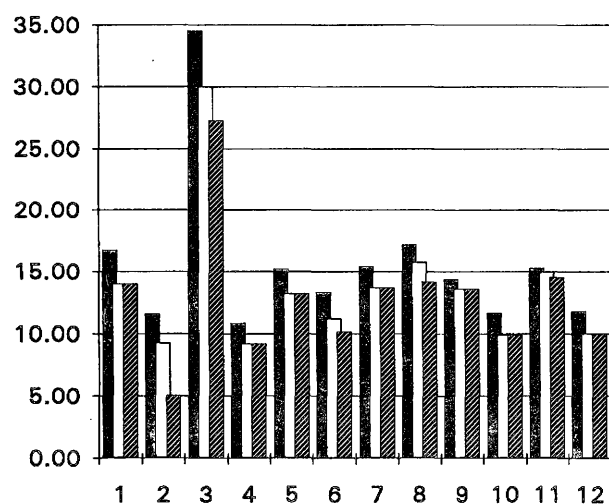
\* 50% LEISTUNGSABSENKUNG/  
POWER REDUCTION/  
EFFACEMENT DE PUISSANCE

 STEUERN INBEGR./ TAXES INCL./  
TAXES COMPRISES

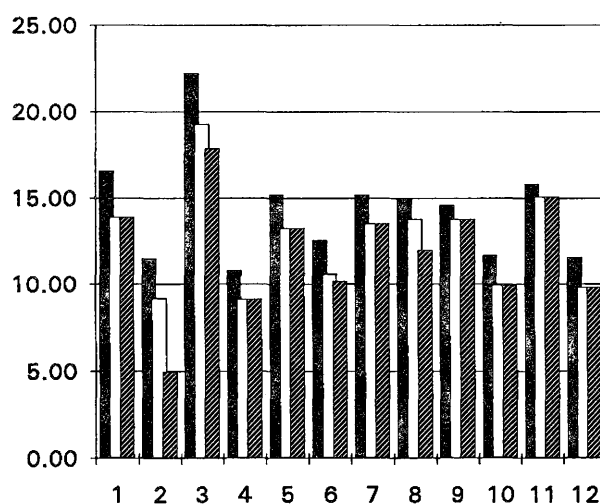
 OHNE MWSt./ VAT EXCL./  
HORS TVA

 OHNE STEUERN/ TAXES EXCL./  
HORS TAXES

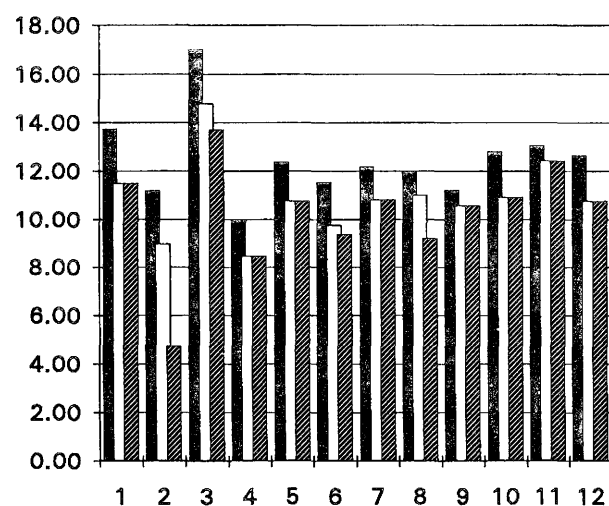
**I A**



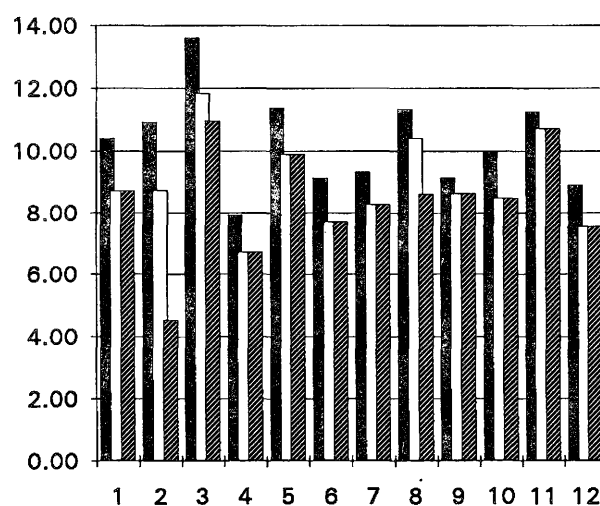
**I B**



**I C**

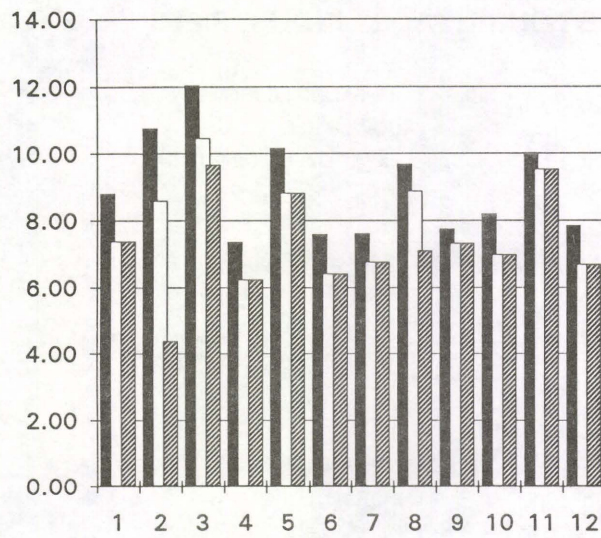


**I D**

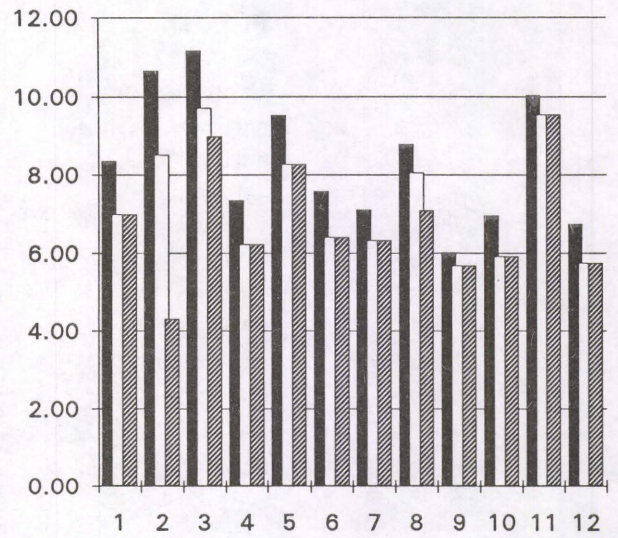




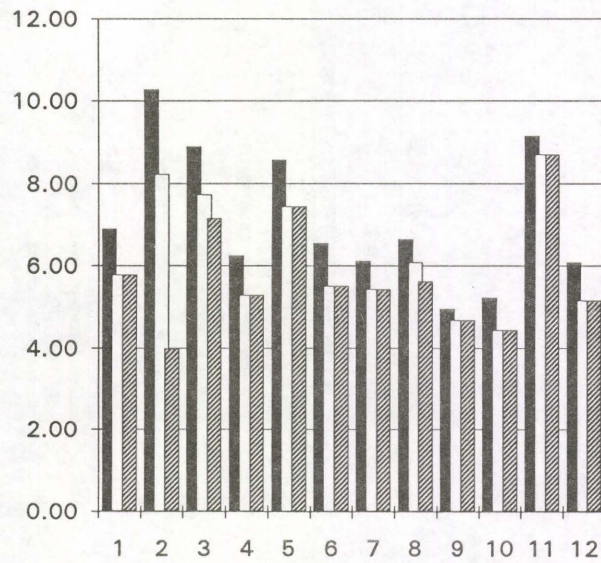
**IE**



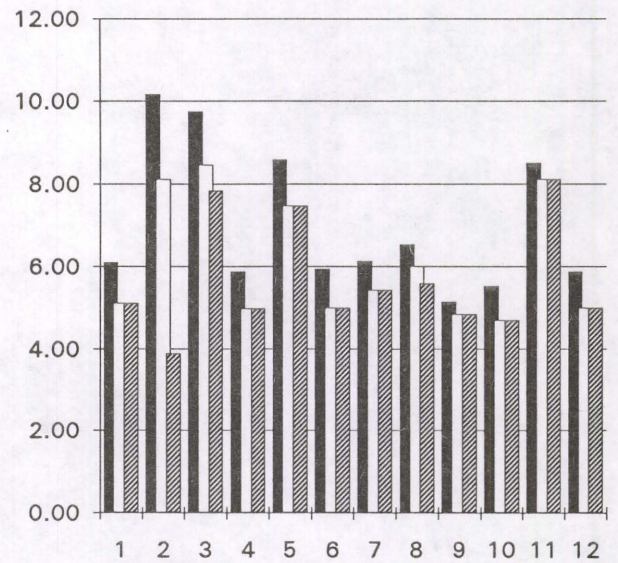
**IF**



**IG**



**IH**



**II**

